

Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/817,220	
			Filing Date	April 2, 2004	
			First Named Inventor	Chun-Mai Liu	
			Art Unit	2838	
			Examiner Name	Laxton, Gary L	
Sheet	1	of	1	Attorney Docket Number	42236P070C

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
22	A	US-5,389,872	02-14-1995	Erhart et al.	
	B	US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code* - Number* - Kind Code* (if known)				

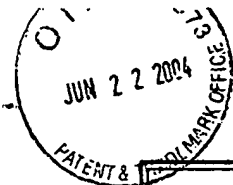
Examiner Signature	Gary L. Laxton	Date Considered	3-5-05
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB-08A (08-03) as modified by Blakely, Soldakoff, Taylor & Zelman (w/1) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

VARIABLE IMPEDANCE NETWORK WITH COARSE AND
FINE CONTROLS

Application Number: 10/817220



Confirmation Number: 2432

First Named Applicant: Chun-Mai Liu

Attorney Docket Number: 42236P070C

Art Unit: 2838

Search string: (4468607 or 5084667 or 5831566 or
6552519).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	4468607	1984-08-28	Tanaka et al			
<input checked="" type="checkbox"/>	2	5084667	1992-01-28	Drori et al			
<input checked="" type="checkbox"/>	3	5831566	1998-11-03	Ginetti			
<input checked="" type="checkbox"/>	4	6552519	2003-04-22	Nazarian	B1		

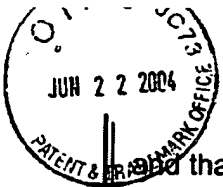
previously cited

Remarks

Carly L. Laxton 3-5-05

Note: Remarks are not for responding to an office action.

Applicant, in accordance with his duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submits this Electronic Information Disclosure Statement citing U.S. Patent documents for consideration by the Examiner. Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. This Electronic Information Disclosure Statement is being filed prior to substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Electronic Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account No. 02-2666. Applicant respectfully requests that the cited documents be considered



that the form be initialed by the Examiner to indicate such consideration and a copy thereof returned to the Applicant's attorney of record.

Signature

Examiner Name	Date